

Converting Colors

XYZ(16.1594, 14.5306, 9.5753)

Have a look what the booklet for
XYZ(16.1594, 14.5306, 9.5753)
contains.

XYZ(16.2039, 14.5318, 9.5403)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.2039, 14.5318,
9.5403)**

Conversions

Conversions Part 1

Format	Color
Hex	8A6150
RGB	138, 97, 80
RGB Percent	54%, 38%, 31%
CMY	0.4588, 0.6196, 0.6863
CMYK	0.00, 0.30, 0.42, 0.46
HSL	18°, 27%, 43%
HSV	18°, 42%, 54%
XYZ	16.2039, 14.5318, 9.5403
YIQ	107.3210, 29.8930, 3.4050

Conversions

Conversions Part 2

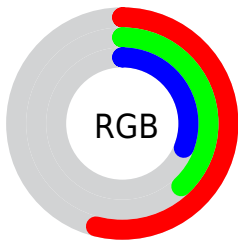
Format	Color
RYB	138, 104, 80
Decimal	9068880
CIELab	44.99, 14.37, 16.32
CIELCh	45, 21.746, 48.624
Yxy	14.5318, 0.4023, 0.3608
Android (android.graphics.Color)	4287258960 (0xFF8A6150)
YUV	107.3210, -13.4693, 26.9055
Hunter-Lab	38.1206, 9.1638, 11.8461

Details

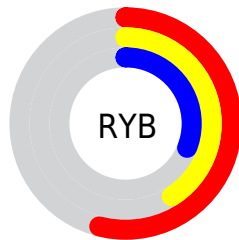
The XYZ color **16.2039, 14.5318, 9.5403** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.7329, 17.2147, 26.5911**, and the grayscale version is **14.0950, 14.8290, 16.1488**.

A 20% lighter version of the original color is **36.5447, 34.1022, 25.4252**, and **5.2817, 4.3810, 2.1573** is the 20% darker color. If you saturate the color by 10%, you get **14.8989, 12.6558, 6.8429**, and if you desaturate by 10%, it is **17.7252, 16.6729, 12.8269**.

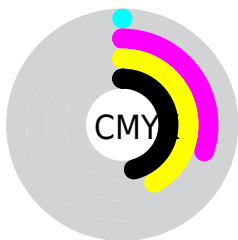
Distribution



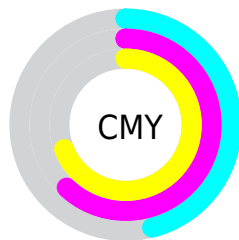
- Red (54%)
- Green (38%)
- Blue (31%)



- Red (54%)
- Yellow (41%)
- Blue (31%)



- Cyan (0%)
- Magenta (30%)
- Yellow (42%)
- Black (46%)





- Cyan (46%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.2039, 14.5318, 9.5403 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 16.2039, 14.5318, 9.5403 by changing the saturation by 10% instead.


 16.2039, 14.5318,
9.5403


 16.2039, 14.5318,
9.5403

223.7887,
220.5146, 197.7230


 9.7603, 8.4915,
4.9937


 36.5064, 34.0297,
25.5213


 5.3014, 4.4110,
2.1849


 51.0961, 48.2560,
37.7928


 2.4617, 1.9060,
0.6656

 69.1318, 65.9798,
53.4763

 0.8760, 0.5520,
0.0000

 90.9789, 87.5855,
72.9904

 0.0000, 0.0000,
0.0000

 117.0028,
113.4574, 96.7535

147.5688,

143.9800, 125.1843

183.0424,
179.5375, 158.7013

■ 16.2039, 14.5318,
9.5403

■ 16.2039, 14.5318,
9.5403

■ 14.8989, 12.6558,
6.8429

■ 17.7252, 16.6729,
12.8269

■ 13.7988, 11.0320,
4.6985

■ 19.4715, 19.0868,
16.7341

■ 12.8923, 9.6500,
3.0681

■ 21.4521, 21.7837,
21.2924

■ 12.1669, 8.4972,
1.9073

■ 23.6758, 24.7726,
26.5297

■ 11.6081, 7.5603,
1.1641

■ 26.1506, 28.0621,
32.4724

■ 11.2555, 6.9517,
0.7486

■ 28.8842, 31.6602,
39.1456

■ 31.8840, 35.5750,
46.5730

■ 35.1571, 39.8140,
54.7772

■ 38.7104, 44.3845,
63.7801

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.3216, 14.5318, 12.8901



16.2039, 14.5318, 9.5403



14.4992, 14.5318, 8.0181

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16.2039, 14.5318, 9.5403



10.7168, 14.5318, 13.9643



14.9359, 14.5318, 27.0676

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



16.2039, 14.5318, 9.5403



14.7329, 17.2147, 26.5911

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



13.1469, 14.5318, 27.5296



16.2039, 14.5318, 9.5403



10.8118, 14.5318, 19.1693

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16.2039, 14.5318, 9.5403



11.3963, 14.5318, 10.1804



11.6680, 14.5318, 24.3913



16.5471, 14.5318, 23.2389

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16.2039, 14.5318, 9.5403



13.3044, 14.5318, 7.9662



11.6680, 14.5318, 24.3913



14.3324, 14.5318, 27.6482

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



16.2043, 14.5325, 9.5406



37.3538, 37.7758, 36.4631



16.8361, 12.5352, 19.8042



8.2201, 8.2583, 7.8120



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.2043, 14.5325, 9.5406



26.4667, 22.6057, 12.4747



19.3179, 20.7598, 10.5785



5.1446, 5.2721, 5.2989



10.3311, 6.3967, 0.6902



0.0801, 0.0654, 0.0084

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



14.7329, 17.2147, 26.5911



23.5130, 27.9365, 46.5362



11.7723, 11.2935, 25.6042



5.0511, 5.4451, 6.3906



8.1846, 9.6396, 23.4749



0.0671, 0.0894, 0.1602

Previews

White Background



This preview shows how the XYZ color 16.2039, 14.5318, 9.5403 looks on a white background.

Color Contrast Check

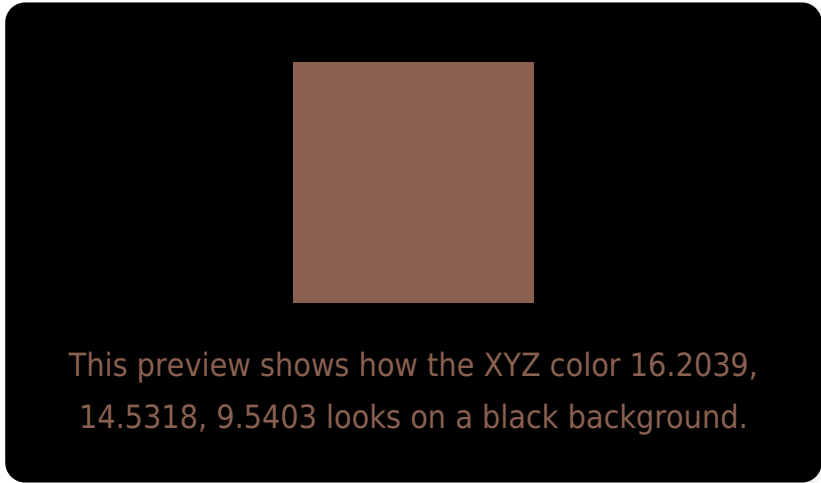
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2039, 14.5318, 9.5403

Background



This preview shows how black text looks on a background with the XYZ color 16.2039, 14.5318, 9.5403.



This preview shows how white text looks on a background with the XYZ color 16.2039, 14.5318,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

16.2039, 14.5318, 9.5403

Protanopia

13.7974, 14.7329, 10.5040

Deuteranopia

14.7668, 14.5029, 9.4182



Tritanopia

17.1669, 14.5204, 14.2099

Trichromacy



Original Color

16.2039, 14.5318, 9.5403

Protanomaly

14.5800, 14.5360, 10.2209

Deuteranomaly

15.1744, 14.4247, 9.3816

Tritanomaly

16.7155, 14.4637, 12.2667

Monochromacy



Original Color

16.2039, 14.5318, 9.5403

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.4791, 14.4151, 13.3285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2039, 14.5318, 9.5403 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(138, 97, 80)` looks like.

```
.text, #text, p{  
    color:rgb(138, 97, 80)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(138, 97, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 97, 80) }
```

Border

The CSS property to change the border of an element to XYZ 16.2039, 14.5318, 9.5403 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 97, 80) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(138, 97, 80) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(138, 97, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 97, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 97, 80);  
box-shadow:4px 4px 4px 4px rgb(138, 97,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2039, 14.5318, 9.5403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 97, 80) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(138, 97,  
80) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor